

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 56-146732

(43)Date of publication of application : 14.11.1981

(51)Int. CI.

B29D 27/00

(21)Application number : 55-050728

(71)Applicant : SUMITOMO CHEM CO LTD
ICHII KK
TANEIKE MASAYASU

(22)Date of filing : 16.04.1980

(72)Inventor : ICHII YUZURU
TANEIKE MASAYASU
ISHII SHOJI
KITADONO KAORU

(54) PREPARATION OF CONTINUOUS FOAMED MATERIAL OF ETHYLENE POLYMER OR ETHYLENE COPOLYMER

(57)Abstract:

PURPOSE: To prepare the captioned continuous foamed material in comparatively low cost, industrially and easily by a method wherein foaming compound containing two kinds of crosslinking agent different in decomposition temperatures is heat-treated and compressed under a specific condition.

CONSTITUTION: A compound in which a mixture of foaming agent, crosslinking agent with decomposition temperatures of 155° C or less and crosslinking agent with decomposition temperatures of 165° C or more is mixed with ethylene polymer or ethylene copolymer for a given time. After the 1st intermediate bridged when the decomposition rate of the mixed foaming agent is of 60% or less is generated, it is heated again at a higher temperature and the remaining foaming agent and the remaining crosslinking agent are decomposed to generate the 2nd intermediate having independent foams easy to break down. The intermediate is compressed nearly at temperatures 0W40° C to break the independent foams and to produce continuously foamed material.

USE: Toilet articles (puffs etc.), daily necessities (scrubbing brushes, window wipers, etc.), medical supplies, industrial articles (cushions etc.), office supplies, sports requisites, clothing requisites, body requisites, footgears, gardening articles, packing supplies.

LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision
of rejection]

[Kind of final disposal of application
other than the examiner's decision of
rejection or application converted
registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's
decision of rejection]

[Date of requesting appeal against
examiner's decision of rejection]

[Date of extinction of right]

Copyright (C); 1998, 2003 Japan Patent Office